November 5, 1993 Issue 712

DXpedition News

Fiji - 3D Paolo Mauro IV3UHL will operate from several Pacific countries, and IOTA islands, from mid-November through the end of March. His first stop is Fiji Nov. 15-Dec. 1. On SSB, try 3760, 7095±, 14260, and 21260 kHz. On CW, watch 5 kHz up. He prefers 40/80-meter CW, and will operate in the General-class subbands as well. QSL to his home address: P. O. Box 21, 33038 S. Daniele (UD), Italy. Sunrise 1735Z; sunset 1620Z.

Tonga - A3 On Dec. 1, Paolo travels to Tonga, where he'll operate until the end of January. He plans to visit many of the IOTA entities in Tonga. Same information as above.

Reserve Your Island - CQWW CW

- **7Q7OO** will be Dick Norton N6AA's Malawi call in the test, as a single-op, all-band entry. QSL to K6VNX.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

- **PZ?** Marko Myllymaki OH6DO will operate from Suriname single-op, all-band, or maybe 20- or 15-meter single band. Callsign and QSL route to be announced.
- **ZS6EZ** will be an all-band, single-op entry in the test.
- **ZS6NW** will be an 80-meter single band entry.
- **4M5I** will be a multi-single entry from Venezuela, by KØPP, KE7X, WM2C, WS4E, and YV5DTA. QSL to I2CBM. QSL individual contacts outside the test to home calls.
- **IC8/IK8JSV** will operate from Procida Island (EU-031), as a 40-meter single-band entry. QSL home call.
- **PJ2/WJ2O** will be active from Curaçao Nov. 23-Dec. 4. He'll single-op in the test, and be active on the new bands and on CW outside the contest. QSL home call.
- **V31YZ** will be a single-op entry by George Key W5YZ, from Rum Point, Belize. George will QSL 100% via the bureau.

Reserve Your Island - CQWW CW

- **P4ØW** will be a single-op, all-band entry by John Crovelli W2GD; QSL to N2MM.
- **HD3W** will again be activated by Cesar A. Palacios M. HC3AP, as a 40-meter single-band entry. QSL via P. O. Box 918, Machala 00701, Ecuador.
- **OHØDX** will be a 20-meter single-band entry by OH2MAM from Aland Island. QSL via OH2BAD.
- **OHØAM** is a 15-meter single-band entry by OH1EH; QSL via OH2BAD.
- **V47KP** is K2DOX returning to St. Kitts. He'll be there Nov. 25-30. QSL home call.

Shortly Noted

- **XU6WV** Mike is slated to return to Cambodia the first two weeks of November; QSL to KØTLM.
- **Latvia YL** will commemorate the 75th anniversary of the founding of the republic Nov. 6-21, with some stations using the special prefix **YL75**. Since the LRAL QSL bureau is not yet functional, QSL these calls direct as follows:
YL75R - J. Baltins, P. O. Box 100, Riga-7 LV-1007, Latvia
YL75V - Girts Budis, P. O. Box 19, 229135 Ainazhi, Latvia
YL75W - P. O. Box 27, Riga-2, LV-1002, Latvia
YL75Z - S. Hochberg, P.O.Box 22, Jelgava, LV-3000, Latvia
YL75DX - Y. Baltin, P.O.Box 265, Riga-50, LV-1050, Latvia
Don't mention amateur radio on the envelopes.
- **3C1TR** has had a change in operators. Ed is back in the states, and Don is the new operator of the call.
- **HZ1AB** needs five states on 80 meters to complete 5BWAS: ND MN IA OK MS. Operator Walt W7SE tries to catch the 0200Z sunrise on Wednesdays, and Terry N4KT mans the station at the same time Thursdays, beginning on 40 meters. QSL K8PYD.
- **ZD8M** is active from Ascension until March, 1994.
- **ZA1T** Genti is presently in the Los Angeles area, attending graduate school at USC. He'll be in the US four years as he pursues his doctorate in electrical engineering. Look for him with a US license soon.
- The **DXCC Backlog** at the end of October was 95 unprocessed applications, with 9,222 QSL cards. The DXCC desk received 1,330 applications with 95,212 QSL cards in September, but business dropped to less than half of that in October. Turn-around time is les than one week.
- **SSB Net** check-ins: **14227** kHz: (11,21Z) 3XØDEX HL9HH; **14247:** (23Z) CE3MMV/CE9 (South Shetlands) OD5WS CEØZIS VP8COT; **21223:** (12Z) CEØZIS.
- **RTTY: J28BM** 21071 0545Z; **VU2RAK** 14081 0545Z; **S21A** 14084 1450Z; **VK6HD** 14083 2255Z; **3C1EA** 14085 0740Z; **3B9FR** 18095 1805Z; **SV1ASP/A** 21081 0930Z; **TR8MD** 21088 1110Z; **FT4WD** 21078 1325Z; **EP2A** 21082 1830Z; **YI1HS** 14087 0955Z; **BY1QH** 14086 0055Z.
- **Islands On The Air: PI4ZWN** will be active from Schouwen en Duiveland (EU-145) Nov. 6-7 (DXLoggen). **SM1CNS** will operate from Gotland Island (EU-020) Nov. 30-Dec. 1.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before			
November 1993		Date	Flux	A K	Date	Flux	A	K
5	Low Normal	10/10	107	22/25 3	9/12	79	09/10	3
6	Low Normal	10/11	103	21/22 2	9/13	80	43/82	3
7	High Normal	10/12	98	14/15 2	9/14	82	23/31	3
8	High Normal	10/13	95	11/13 2	9/15	85	18/17	2
9	High Normal	10/14	91	06/08 1	9/16	88	05/07	2
10	High Normal	10/15	94	02/05 0	9/17	85	03/06	0
11	Above Normal	10/16	91	03/04 1	9/18	85	03/05	0
12	High Normal	10/17	90	05/06 1	9/19	84	02/05	0
13	High Normal	10/18	87	06/07 1	9/20	80	14/17	3
14	High Normal	10/19	89	06/06 1	9/21	80	07/10	2
15	High Normal	10/20	94	03/05 1	9/22	79	06/07	1
16	High Normal	10/21	95	05/07 0	9/23	82	07/08	3
17	High Normal	10/22	92	12/11 3	9/24	90	15/13	3
18	High Normal	10/23	92	11/10 3	9/25	96	08/09	2
19	High Normal	10/24	92	06/09 1	9/26	106	11/10	1
20	Below Normal	10/25	87	25/29 3	9/27	104	10/08	2

Propagation Watch

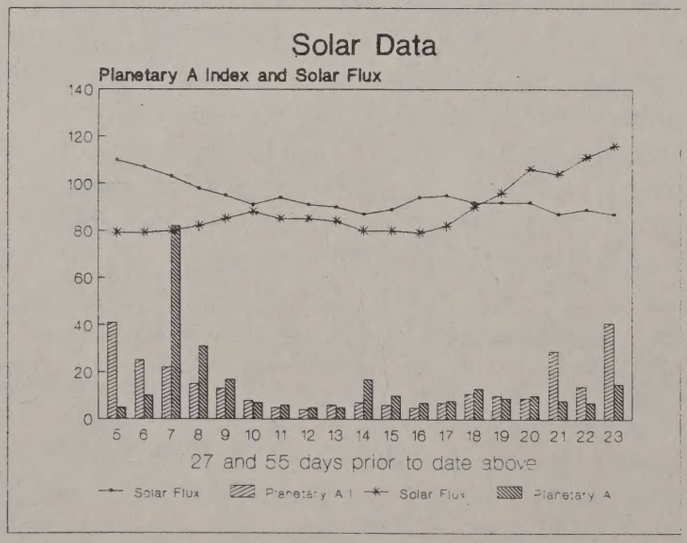
A short-lived coronal hole was the source of the geomagnetic storms the week before the CQWW SSB test. While most coronal holes last many solar revolutions, this hole disappeared as fast as it appeared, and probably won't cause a repeat of the poor band conditions in late November.

Fortunately for contesters, the geomagnetic storminess ended prior to the contest, and conditions improved throughout the weekend. Although the maximum useable frequency on high latitude paths didn't get as high as 28 MHz, there were plenty of contest stations on 10 meters during daylight hours. And the low K indices translated into good conditions on the lower bands.

Since the CQWW CW is one solar revolution after the SSB test, we tentatively forecast a repeat of the good conditions for the CW test.

Meanwhile we will probably see some deteriorating conditions (which may well be improving by the time you read this). A recurrent coronal hole may well disrupt the bands during the first week of November.

After the effects of the coronal hole pass, we should see improving conditions on the lower bands, as the geomagnetic field stabilizes, and the longer nights in the northern hemisphere improve low-band openings.



1994 Callbooks

Duane Heise AA6EE is offering discount prices on the **1994** ***Callbook***s (Flying Horse, available November 29.) Either edition (North American or International) is $25.90, or both for $49.90. Four or more: $23.90 each. 1994 *ARRL Handbooks* are $23.90. Bencher paddles: BY-1/black $59.90; BY-2/Chrome $74.90. Postpaid in the USA and possessions. If shipment by UPS is desired (lower 48 states) add $2. California residents add 7.5% sales tax. Foreign orders: add US$4 per book for surface mail. Send check to Duane at 16832 Whirlwind, Ramona CA 92065. (Retail price of the *Callbook*s is $29.95 each.)

QSL Information

- QSL the CQWW SSB operation of **ZWØJR** via operator Sergio Lima de Almedia PP5JR, Av. Rubens Arruda Ramos 1416/501, Cep 88015-700, Florianopolis SC Brasil.
- OK1DRQ says he is QSL manager for: **OL5PLZ OK5IPA OK1OFM OKØITU** (1993 only) and **OM5PLZ** (1991-92).
- QSL the October St. Martin operations as follows: **FS/JG1RXQ** via JA1VPO, and **FS/JL1MUT** via JH1EDB.
- QSL **V47NF** via WB8GEW, SASE, please.
- PY5CC says he handles QSL cards for: **PT9ZZ PP5XX ZV9ZZ PX9A PX5A ZX5C ZZ5A ZW9A ZZ9A ZX9A PS5C PR5A PU5A PY5CC/PYØF** and **PYØFM.**
- Bill Delage K1SE handles cards for **A45ZW J28BM VK8SD** and **7Z2AB.** Bill's new address is P. O. Box 685, Manassas Park VA 22111-0685.
- Aldo Aste **CE2NFT** has a new address: P. O. Box 322, Vina del Mar, Chile.
- QSL **8P9EA, 8R1RPN**, and **8R1K** via OHØXX, either via the Finland bureau or direct to Olli Rissanen, 1313 South Military Trail, Suite 599, Deerfield Beach FL 33442.

QSLs Received

- From managers: **4J4JJ** (UG6JJ, 3 MOS); **4U8ITU** (I1RBJ, 5 MOS); **3D2RF** (WA6SLO, 1 WK); **5Z4BI** (W4FRU, 11 WKS); **9G1AA** (PA2FAS, 3 MOS); **9J2BO** (W6ORD, 2 WKS); **C53HG** (W3HCW, 3 WKS); **CP6RP** (IØWDX, 1 MO); **D2SA** (F6FNU, 1 MO); **FG5FR** (F6FNU, 1 MO); **FP/K8AQM** (K8AQM, 3 MOS); **H44/P29JA** (JH7MSB, 1 MO); **J28BM** (K1SE, 1 MO); **S2/HA5BUS** (GLOBEX, 16 MOS!); **SV5/K5BDX** (NA5U, 3 WKS); **TI5RLI** (WA4JTK, 3 WKS); **T32BE** (WC5P, 1 MO); **VP2EE** (KA3DBN, 6 WKS); **VQ9MW** (KD4RDQ, 14 WKS); **W5IJU/KP5** (W5IJU, 3 WKS); **WV2B/CY9** (WV2B, 1 WK); **YI1BGD** (DF3NZ, 2 WKS); **YV5ØØEA** (YV5ARV, 11 MOS).
- Direct: **5X1B** (3 MOS); **7X2LS** (3 WKS); **9G1SB** (1 MO); **9H1HZ** (10 WKS); **CU2QN** (1 MO); **OK1DRG** (2 MOS); **OM3TDP** (3 MOS); **V85PB** (1 MO); **VK9NS** (1 MO).
- Bureau: **4Z5ZI** (1 YR); **RH6Y/UW4HX** (3.5 YRS); **RH8AO** (4.5 YRS); **YO2BM** (10 WKS).

French Callsign Changes

Many French callsigns will change at the beginning of 1994. In most cases, suffixes will remain the same, but many prefixes will be switched. DXers can still locate French amateurs in callsign directories, by noting the following changes:

FC1xxx becomes F1xxx V/U/SHF, no code licensees
FD1xxx and FE1xxx become F5xxx all HF privileges
FE2, 3 ,5, 6, and 8 no change, but the E is voluntary
TK3 becomes TK1, TK4 becomes TK5
FG, FM, FR, etc. 3x becomes 1x; 4x becomes 5x, 5x no change.
FF5xx FF6xx FF8xx become F5Kxx F6Kxx or F8Kxx Clubs.

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

RTTY

ET3SID	14084	1855	25	MN
FR5GS	21084	1510	24	OH
KG4HG	21087	2350	22	CA
T46RR	14082	1705	22	CA
UT5RP	21085	1455	22	MN
YO3FRI	14087	1645	23	OH

160 Meters

G3PQA	1847	0240	25	MY
GD4BEG	1832	0633	21	MI

80 Meters

4X4WN	3505	0319	23	SC
6W6JX	3510	0509	20	KS
EA6NB	3506	0534	23	KS
FK8GJ	3502	1045	21	MA
JA1HQT	3505	0855	22	NH
JT1BR	3508	1427	22	OR
KG4CB	3508	1055	24	NH
LU2BRG	3507	0900	23	NH
T3ØDP	3507	1100	20	MA
UAØFZ	3507	1230	23	IA
UAØKAF	3508	0845	24	NH
UJ8JA	3507	2155	21	NH
V73C	3509	1020	23	NH
VK3NLL	3502	0950	19	NH
VK6WJ	3503	1050	24	NH
VK9NS	3507	1020	24	NH
VQ9QM	3506	2230	23	MA
ZD8VJ	3500	2219	23	MA
ZL1AMO	3507	0651	19	CA

75 Meters

5T5JC	3797	0644	20	CA
5T5JC	3799	2231	24	MA
7X2BK	3797	0400	24	GA
FT5YE	3777	1348	24	CA
GD4PTV	3790	0525	23	VA
HH2PK	3797	0600	24	CA
LA6WEA *	3799	1405	23	CA
OH5BR *	3799	1419	17	CA
OH5NZ *	3799	1405	20	CA
RB5QF *	3795	1425	23	CA
SP3GEM *	3797	0527	20	CA
UN8LA *	3795	1419	23	CA
V73IO	3792	1053	25	MA
V85PB	3795	1338	21	CA
VK4CRR	3799	0749	22	CA
VK6LK *	3795	2150	24	MA
VS6WO	3789	1416	24	CA

40 Meters

3B8CF	7005	0200	21	GA
4L4ZG	7007	0045	26	IA
5R8DG	7004	0110	22	IA
5T5CJ	7080	0100	22	IA
5Z4FO	7005	0215	23	IA
6W6JX	7001	0525	23	KS
7Q7XX	7001	0030	26	IA
7X2AB	7006	0400	24	OH
FK8GJ	7009	1340	23	IA
FR5DD	7028	0211	25	MY
HA3UU *	7006	1453	20	OR
HZ1AB	7005	0150	22	GA
OM3TDP *	7002	1529	21	OR
PZ1DY	7010	0725	23	CA
TU2MA	7004	0227	18	MI
UAØQFC	7005	1040	24	MA
V73C	7023	1121	17	VA
VS6WV	7004	1220	19	KS
ZA1J	7003	0332	21	ME
ZD8VJ	7001	0050	23	ID
ZD8VJ	7002	0722	24	CA
ZD8VJ	7003	2101	27	ME

30 Meters

3B8CF	10104	0223	25	MY
3B8CF	10104	1429	24	ID
3B9FR	10103	1243	19	VA
4K1F	10105	0255	23	IL
7P8SR	10109	2107	23	MY
7Q7XX	10101	2143	24	MY
9J2BO	10107	0355	26	KS
PZ1DV	10101	2330	24	GA
UAØZC	10105	0415	20	CA
UN9QD	10102	2304	20	VA
YS1AG	10108	0203	23	VA
Z21HS	10104	2350	23	GA
ZS6UT	10107	0350	19	KS

20 Meter CW

5Z4FO	14008	0350	23	SC
9M2AX	14020	0200	17	SC
9V1YC	14012	1326	23	IL
9X5HG	14022	0418	20	KS
A22MN	14028	2114	22	ID
BY4STV	14017	0110	22	IA
EP2A	14005	1510	20	MN
FK8FG	14024	0725	23	CA
JT1CS	14011	0050	25	CA
ST2/ G4OJW	14062	2102	17	VA
TL8GR	14004	2051	24	WI
TU2MA	14005	0050	23	GA
UAØQFC	14006	1900	21	MI
UC2AGL	14014	1452	22	ID
UI8IF	14015	1514	21	CO
UI9AWX	14012	1327	23	IL
UJ8AZ	14021	1513	22	ID
V73C	14033	1136	23	GA
YB3OAE	14037	1203	23	GA
ZD8M	14020	2220	22	GA

20 Meter SSB

3XØDEX	14215	0101	16	MD
4S7AVR	14187	0140	21	GA
9G1NS	14205	2200	20	CO
9G1UW	14168	0106	17	MD
9K2XX	14195	1925	22	MI
AP2AL	14198	1359	20	ME
EL2PP	14247	0523	24	MA
FR5DX	14210	0355	24	KS
HS1HSJ	14207	1526	20	MD
PZ1DY	14213	0300	26	KS
SU1ER	14243	1735	22	WI
VR6CB	14250	0207	24	KS
VU2IIS	14211	1856	17	MD
XT2BW	14211	2334	24	CO

17 Meter CW

3V8AS	18070	1247	18	MI
4L1AB	18073	1244	20	NH
7Q7XX	18069	2006	22	ID
ET3BH	18075	1721	18	VA
KG4DX	18092	1307	18	MI
ST2/ G4OJW	18070	1202	19	VA
V73C	18070	1926	23	NH
VQ9KC	18071	0245	24	GA
VQ9QM	18072	1722	21	NH
YN/ SMØOIG	18075	1535	18	SC

17 Meter SSB

8P6QJ	18079	1410	23	ID
TL8NG	18142	2038	26	CA
	18152	1930	26	ME

15 Meter CW

3V8AS	21020	1610	22	IA
5X1B	21026	1845	18	CA
7Q7LA	21026	1430	23	CA
7Q7XX	21014	1745	23	GA
8R1J	21019	2228	23	GA
9K2ZZ	21008	1512	21	NH
CN2AQ	21029	1305	21	IA
ET3YU	21030	1520	23	CO
FR5BT	21005	1445	21	IA
KG4CW	21025	2206	22	ID
KG4DX	21022	1842	22	ID
S92SS	21001	2034	26	CA
TL8GR	21004	1500	24	CA
TR8XX	21027	1951	21	WI
UD8DF	21039	1304	18	MA
XQØYAF	21002	2118	22	ID
ZD7AY	21027	1737	24	MA

15 Meter SSB

5R8DG	21260	1725	24	IA
5X1A	21323	2027	19	MD
5X1F	21280	1910	21	IA
5Z4FO	21239	1935	24	GA
7X2DG	21322	1506	23	CO
7X2LS	21294	1420	24	OH
7X2WAK	21257	1248	21	MA
9K2JC	21234	1410	21	MD
9K2ZZ	21226	1740	23	GA
9M6HF	21229	2354	20	MD
C53HG	21230	1920	24	GA
C91AJ	21247	2007	22	WI
C91BH	21270	1450	25	IA
C91W	21258	1554	20	MD
CN2AQ	21244	1650	24	GA
D44BS	21234	1820	24	IA
EA9PB	21277	1851	16	CA
EL2PP	21295	1725	21	WI
FK8GM	21236	2247	17	VA
H44MM	21286	0039	22	MD
HZ1AB	21255	1325	21	IA
OD5ZZ	21266	1405	24	IA
SU2MT	21230	1340	25	IA
TA3D	21230	1722	20	MD
V51AP	21259	1930	21	IA
VR6BX	21279	1433	22	CO
VU2DNL	21260	1540	24	CA
Z21BA	21329	1908	21	ME
ZD7DP	21267	2050	26	CA
ZD7SM	21268	2002	18	CO

12 Meter CW

3B8CF	24892	1459	24	NH
7Q7XX	24891	1440	23	GA
9J2BO	24903	1307	25	VA
9K2ZZ	24898	1500	21	MN
EA9AI	24902	1545	19	MN
S92SS	24895	2115	16	SC
TF3LB	24901	1659	24	MA
VQ9QM	24908	1542	21	MI
YN/ SMØOIG	24898	1625	24	GA
ZB2AZ	24894	1655	22	VA

12 Meter SSB

4L1FL	24957	1404	20	VA
5T5JC	24945	1510	21	MN
7Q7XX	24941	1625	21	SC
TA2BK	24948	1531	16	MI
YN/ SMØOIG	24969	1551	16	MI
ZP6XD	24965	2124	21	SC

10 Meter CW

3B8FQ	28008	1345	21	IA
7P8SR	28022	1157	23	NH
7Q7RM	28020	2008	16	SC
HKØDPA	28025	2112	21	SC
S92SS	28031	2020	16	SC
ZB2AZ	28020	1709	20	NH

10 Meter SSB

5R8DJ	28490	1449	26	ME
7Q7RM	28421	1947	18	NY
7X2HM	28464	1641	20	MD
A22MN	28472	1542	16	ME
A61AD	28400	1409	25	MD
A71AN	28495	1304	18	MD
C93BM	28470	1616	20	VA
FH5CB	28386	1605	20	IA
FK8GM	28492	2345	18	CO
FR5EL	28505	1244	17	MD
V73C	28467	0100	22	KS
VR6MW	28435	1830	23	KS
VR6TA	28452	1657	20	MD
Z21JE	28518	1345	21	IA
ZD7GWM	28480	2002	21	ME
ZS8MI	28425	1405	19	IA

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Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Anguilla	**VP2E**	**W1GAY**	**Nov. 11-16**	**I711**
Ascension Island	**ZD8Z**		**Nov. 9-30**	**I711**
Bangladesh	**S2**	**by PA3BTG**	**thru Nov.**	**I709**
Cambodia	**XU**	**XU6WV**	**early Nov.**	**I712**
Christmas Island	**VK9**	**VK9XZ**	**Nov. 6-13**	**I709**
Ethiopia	ET	ET3BH	now active	I709
Fiji	**3D**	**TBA**	**Nov. 15-30**	**I712**
Ghana	**9G**	**9G1JI**	**Nov. 8+**	**I711**
Guam	**KH2/**	**G4IUF**	**Nov. 5-10**	**I711**
Maldives	8Q	8Q7?	Nov. 2-14	I710
Marshall Islands	**V7**	**V73UF**	**Nov. 22-28**	**I711**
Micronesia	**V6**	**V63UF**	**Nov. 10-17**	**I711**
Midway Island	**KH4/**	**N7TNL**	**Oct. 21+**	**I708**
Mt. Athos		SV2ASP	active again?	I704
Netherland Antilles		**PJ2/WJ2O**	**Nov. 23-Dec. 4**	**I712**
Peter I Island	3Y		Feb. 1-17	I685
Pratas Island	BV	BV9P	November	I693/5
Rodriguez Island	3B	3B9FR	new bands	I711
St. Christopher	**V4**	**V47KP**	**Nov. 25-30**	**I712**
South Cook Islands		**ZK1s**	**Nov. 15-24**	**I711**
Sri Lanka	**4S7**	**OH2VZ**	**Nov. 15-Dec. 15**	**I711**
Sudan	ST2/	G4OJW	20, 17 meters	I711
Syria	YK	OE3MIG/4U	to Dec.	I708
Tonga	**A3**	**TBA**	**Dec.-Jan.**	**I712**
Turks & Caicos	VP5/	WB8GEX	Nov. 21-28	I706
Vietnam	3W	XV7TH	14195, 21295	I710
Walvis Bay	**ZS9**	**ZS9DX**	**CQWW SSB +**	**I710**

Operating Events and DX Gatherings

Dates	Event	Reference:
Nov. 12-14	Japan International DX Contest	CQ
Nov. 13-14	WAE RTTY	CQ
Nov. 19-21	SEANET Convention Bangladesh	I705
Nov. 20-21	Ukrainian DX Contest	CQ
Nov. 27-28	CQWW CW Contest	CQ
Dec. 3-5	ARRL 160-Meter Contest	QST
Dec. 11-12	ARRL 10-Meter Contest	QST
Jan. 28-30	CQWW 160-Meter CW Contest	CQ

Contributors

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Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
80 Meters	LU2BRG	3506	0900Z
80 Meters	JA1HQT	3505±	0900Z
80 Meters	4X4WN	3505	0320Z
Algeria	7X2DG	21300±	1500Z
Antarctica	FT5YE	75M	1400Z
Chagos	VQ9QM	24905±	1545Z
Easter Island	XQØYAF	21003	2200Z
Egypt	SU2MT	21250±	1630Z
Ethiopia	ET3YU	21030	1500Z
Hong Kong	VS6CT	21227	2300Z
Kuwait	9K2ZZ	24899	1500Z
Madagascar	5R8DG	7008	0100Z
Malawi	7Q7XX	7003±	0030Z
Malawi	7Q7XX	10101	22, 04Z
Mauritius Island	3B8CF	24895±	1500Z
Mauritius Island	3B8CF	7006	0200Z
Morocco	CN2AQ	21246	1700Z
Nicaragua	YN/SMØOIG	18080	1400Z
Sao Tome	S92SS	21002	2030Z
Saudi Arabia	HZ1AB	21275±	1330Z
South Shetlands	4K1F	10106	03-0500Z
Tristan da Cunha	ZD7DP	21267	2050Z Tues.
Tunisia	3V8AS	18070	1300Z
Uganda	5X1B	21026	1845Z
Zambia	9J2BO	10106	0400Z
Zimbabwe	Z21HS	10105	0400Z
Zone 29	VK6WJ	3502	1100Z

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